Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	((359/724).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/05/04 08:53
L3	38	((359/569).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:53
L4	50	((359/566).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:53
L5	8	((359/570).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB: USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:53
L6	32	((359/719).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:53
L7	5	((359/721).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:53
L8	14	((359/708).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
L9	24	((369/112.03).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
L10	42	((369/112.04).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
L11	48	((369/112.05).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
			IBM_TDB			

			<u> </u>		T	
L12	11	((369/112.06).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
			IBM_TDB			:
L13	- 58	((369/112.07).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
			; IBM_TDB			
L14	54	((369/112.08).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
			IBM_TDB			
L15	0	((369/112.011).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
		· ·	IBM_TDB			
L16	5	((369/112.11).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
	,		; IBM_TDB			
L17	116	((369/112.12).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
		,	; IBM_TDB			
L18	9	((369/112.13).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:54
			; IBM_TDB			
L19	0	((359/724).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			; IBM_TDB			
L20	73	((359/569).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			; IBM_TDB			
L21	69	((359/566).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			: IBM_TDB			
L22	14	((359/570).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ,	ON	2005/05/04 08:55
			; IBM_TDB			
		F (4/0F (-42 F0 D)) - D	2017 108	l <u>.                                    </u>	<u></u>	<u>L</u>

L23	6	((359/721).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and	US-PGPUB;	OR	ON	2005/05/04
		(optic\$4 with ((pickup or pick?up) or head))	USPAT; EPO; JPO; DERWENT			08:55
			IBM_TDB			
L24		((359/708).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			; IBM_TDB			
L25	33	((369/112.03).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			IBM_TDB			
L26	55	((369/112.04).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			IBM_TDB			
L27	70	((369/112.05).CCL5.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO: JPO; DERWENT	OR	ON	2005/05/04 08:55
		*	IBM_TDB			
L28	13	((369/112.06).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:55
			: IBM_TDB			
L29	<b>74</b>	((369/112.07).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ОИ	2005/05/04 08:56
	•		: IBM_TDB			
L30	57	((369/112.08).CCL5.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 11:55
			; IBM_TDB			
L31	5	((369/112.11).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:56
			; IBM_TDB			
L32	123	((369/112.12) CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:56
			: IBM_TDB		1	
L33	31	((359/719).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:56
			IBM_TDB			
					<u> </u>	<u> </u>

		(optic\$4 with ((pickup or pick?up) or head))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 08:56
L35	0	WO-0148745-\$.did.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 09:02
L36	. 1	WO-200148745-\$.did.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 09:03
L37	2	("20030026190").PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:03
L38	2	("6043912").PN.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 11:55
L39	173	(optic\$4 near3 (pickup or pick?up or (pick near3 up) or head)) and (objective same ((diffract\$ or hologra\$ or phase) near4 (ring or doughnut)))	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 12:46
L40	29	(optic\$4 near3 (pickup or pick?up or (pick near3 up) or head)) and (objective same ((diffract\$ or hologra\$ or phase) near4 (ring or doughnut or band))) and aberrat\$ and ((center\$ or central\$) with refract\$)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OŃ	2005/05/04 15:04
L41	117	(optic\$4 near3 (pickup or pick?up or (pick near3 up) or head)) and (objective same ((diffract\$ or hologra\$ or phase) near4 (ring or doughnut or band))) and aberrat\$ and (diffract\$ near4 order)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON.	2005/05/04 15:05
51	. 4	(("6687209") or ("6370103")).PN.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/29
52	2	jp-10283668-\$.did.	: IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/10/29 12:19

	<del></del>	F	1	····	1	T
53	0	((359/724).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
		· ·	IBM_TDB			
54	36	((359/569).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2004/10/29 12:36
		·	: IBM_TDB			
55	47	((359/566).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
			IBM_TDB			
<i>5</i> 6	8	((359/570).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
		:	IBM_TDB			
57	29	((359/719).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
			IBM_TDB			
58	5	((359/721).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
!			: IBM_TDB			~
59	14	((359/708).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2004/10/29 12:36
			; IBM_TDB			
510	19	((369/112.03).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2004/10/29 12:36
			DERWENT ;			*
			IBM_TDB			
511	. 41	((369/112.04).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
			; IBM_TDB			
512	36	((369/112.05).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
		·	: IBM_TDB			
513	11	((369/112.06).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
			; IBM_TDB			
			2017_108			L

		Y		Т-	γ—	
514	56	((369/112.07).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:36
		±	IBM_TDB			
S15	45	((369/112.08).CCL5.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 13:58
			: IBM_TDB			
516	o	((369/112.011).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			IBM_TDB			
517	5	((369/112.11).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			IBM_TDB			
518	116	((369/112.12).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			; IBM_TDB			
519	. 8	((369/112.13).CCLS.) and (diffract\$ with lens\$2) and (optic\$4 with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			: IBM_TDB			
520	0	((359/724).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			IBM_TDB			
521	66	((359/569).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			IBM_TDB			:
522	64	((359/566).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			: IBM_TDB			
523	13	((359/570).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			; IBM_TDB			
524	6	((359/721).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/29 12:37
			; IBM_TDB			
					<u> </u>	

5		·	y			-	,
S26   (369/112.03).Cd.5.) and ((diffract\$ near3 grating) some lens\$2) and (optic\$4 with ((pickup or pick?up) or head))   US-PGPUB. USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370.	525	5		USPAT; EPO; JPO;	OR	ON	
S26   (369/112.03).Cd.5.) and ((diffract\$ near3 grating) some lens\$2) and (optic\$4 with ((pickup or pick?up) or head))   US-PGPUB. USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370. DERWENT   S3M_TDB   USPAT. EPO. 370.				IBM TDB			
527   52   ((369/112.04).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (upinc\$4 with ((pickup or pick?up) or head))   US-P6PUB: USPAT: EPC. JPC. DERWENT   IBM_TDB   USPAT: EPC. JPC. DER	526	26		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
527   52   ((369/112.04).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (upinc\$4 with ((pickup or pick?up) or head))   US-P6PUB: USPAT: EPC. JPC. DERWENT   IBM_TDB   USPAT: EPC. JPC. DER	·			;			
S28	527	<sub>.</sub> 52		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S28				; TRM TDB			
S29   12   ((369/112.05) CCLS.) and ((diffract\$ near3 grating) same lens\$2) and ((spric.\$4 with ((pickup or pick?up) or head))   US-P6PUB: USPAT: EPO; JPO: DERWENT   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38   12:38	528	53		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
Coptic\$4 with ((pickup or pick?up) or head))			*	IBM_TDB			
S30   71   ((369/112.07) CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-P6PUB; OR   USPAT; EPO: JPO: DERWENT   IBM_TDB   USPAT; EPO: JPO: JPO: JPO: JPO: JPO: JPO: JPO: J	529	12		USPAT; EPO; JPO;	OR	ON	
S30   71   ((369/112.07) CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-P6PUB; OR   USPAT; EPO: JPO: DERWENT   IBM_TDB   USPAT; EPO: JPO: JPO: JPO: JPO: JPO: JPO: JPO: J			·	; IBM_TDB			,
531   50   ((369/112.08).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))   US-PGPUB; USPAT; EPO: JPO; DERWENT   IBM_TDB   USPAT; EPO: JPO; DERWENT   IBM_TDB   USPAT; EPO: JPO; DERWENT   USPAT; EPO: JPO; DERWENT   USPAT; EPO: JPO; DERWENT   IBM_TDB   I	530	71		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
531   50   ((369/112.08).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (optic\$4 with ((pickup or pick?up) or head))   US-PGPUB; USPAT; EPO: JPO; DERWENT   IBM_TDB   USPAT; EPO: JPO; DERWENT   IBM_TDB   USPAT; EPO: JPO; DERWENT   USPAT; EPO: JPO; DERWENT   USPAT; EPO: JPO; DERWENT   IBM_TDB   I				;			
S32   5   ((369/112.11).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-P6PUB; USPAT; EPO; JPO; DERWENT;   IBM_TDB   US-P6PUB; USPAT; EPO; JPO; DERWENT;   USPAT; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	531	50		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S32   5   ((369/112.11).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-P6PUB; USPAT; EPO; JPO; DERWENT;   IBM_TDB   US-P6PUB; USPAT; EPO; JPO; DERWENT;   USPAT; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	,			;			
S33   122   ((369/112.12).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-PGPUB;   USPAT;   EPO; JPO;   DERWENT   : IBM_TDB   USPAT;   EPO; JPO;   EPO;	532	5	(optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S33   122   ((369/112.12).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   12:38   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   1238   123				;			
S34   27   ((359/719).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-PGPUB; OR   USPAT;   EPO; JPO; Optic\$4 with ((pickup or pick?up) or head))   USPAT;   EPO; JPO; OR   USPAT;   EPO;	533	122		US-PGPUB; USPAT; EPO; JPO;	OR	ON	1
S34   27   ((359/719).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and   US-PGPUB; USPAT;   EPO; JPO; DERWENT   : IBM_TDB   US-PGPUB; USPAT;   EPO; JPO; USPAT;   EPO; JPO; IPO; IPO; IPO; IPO; IPO; IPO; IPO; I			,	;			
Coptic\$4 with ((pickup or pick?up) or head))							
S35 10 ((369/112.13).CCLS.) and ((diffract\$ near3 grating) same lens\$2) and (US-PGPUB; OR USPAT; EPO; JPO; DO 12:38	534	27		USPAT; EPO; JPO;	OR	ON	
(optic\$4 with ((pickup or pick?up) or head))  USPAT;  EPO; JPO;				IBM_TDB			
	535	10		USPAT; EPO; JPO;	OR	ON	
IBM_TDB				IBM_TDB			

	·	· · · · · · · · · · · · · · · · · · ·	γ			
536	2	("6043912").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/10/29 13:59
		×	IBW_TDB			
537	2	("5161040").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 08:46
		4 1	;			
633		//// OE225EU) /// 110EO AP) ///E022314D ///F022712D	IBM_TDB	on.		0004/07/05
538	11	(("6052355") or ("6118594") or ("5930214") or ("5889748") or ("5657305")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 08:47
			IBM_TDB			
539	2	("5808993").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 08:50
		40	: IBM_TDB			4 3
540	2	("6222812").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2004/06/07 11:59
			DERWENT			·
		·	; IBM_TDB			
541	3	("6304540").PN	US-PGPUB;	OR	OFF	2004/06/07
	*		USPAT;			12:17
			USOCR; EPO; JPO;			
		* * *	DERWENT			
		·	IBM_TDB	•		
542	878		US-PGPUB;	OR	ON	2004/06/07
		head)	USPAT; EPO; JPO; DERWENT	!		12:49
		·	IBM_TDB			
543	27		US-PGPUB;	OR .	ON .	2004/06/07
		head)) and peripheral and intermediate and cent\$3	USPAT; EPO; JPO; DERWENT			13:20
			; IBM_TDB			*
544	3	("6304540"   "6430138"   "6452880").PN	USPAT	OR	ON	2004/06/07 13:02
545	o	jp-2000028917.did.	US-PGPUB;	OR <sub>.</sub>	ON	2004/06/07
			USPAT; EPO; JPO;			13:06
	,	·	DERWENT			
			IBW_TDB			•

546	2	jp-2000028917-\$.did.	US-PGPUB;	OR	ON	2004/06/07
			USPAT; EPO; JPO; DERWENT			13:08
			IBM_TDB			
547	2	ep-1158503-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07
			IBM_TDB			
548	3	(((diffract\$ with grating) same (object\$3 with lens\$2)) and (optic\$4 with head)) and ((diffract\$ with grating) with intermediate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 13:15
			IBM_TDB			
549	168	(((diffract\$ with grating) same (object\$3 with lens\$2)) and (optic\$4 with head)) and cd\$3 and dvd and (focus\$4 or converg\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 13:21
			: IBM_TDB			
550	84	((((diffract\$ with grating) same (object\$3 with lens\$2)) and (optic\$4 with head)) and cd\$3 and dvd and (focus\$4 or converg\$3)) and wavelength with (two or dual)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 13:22
		·	IBM_TDB			
S51	84	((((diffract\$ with grating) same (object\$3 with lens\$2)) and (optic\$4 with head)) and cd\$3 and dvd and (focus\$4 or converg\$3)) and (wavelength with (two or dual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 14:43
			IBM_TDB			
552	2	("6091691").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 15:14
			; IBM_TDB			
553	2	("6055076").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 15:14
			: IBM_TDB			
554	1337	(optic\$4 with ((pickup or pick?up) or head)) and ((objective with lens\$2) same (diffract\$ near4 grating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/04 12:17
			: IBM_TDB			
S55 <sup>-</sup>	167	((optic\$4 with ((pickup or pick?up) or head)) and ((objective with lens\$2) same (diffract\$ near4 grating))) and dvd\$3 and cd\$3 and (wavelength with (two or dual or multi\$3 or plural\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 15:24
			IBM_TDB			

29   ((((pric44 with (((pickup or pick/up) or head)) and ((((weelength with ((no or dual or multis) a or plurals))))) and ((((weelength with ((no or dual or multis) a or plurals))))) and (((((weelength with ((no or dual or multis) a or plurals))))) and ((((((weelength with (((((weelength with ((((((((((((((((((((((((((((((((((((							
173   (((optic\$4 with ((pickup or pick)up) or head)) and ((objective with len\$2)   U.S.P6PUB;   U.S.PAT;   P.C., ITCO, IDENWENT   IBM_TDB   U.S.P6PUB;   U.S.PAT;   IBM_TDB   U.S.PAT;   U.S.AT;   U.S.	<b>S</b> 56	29	same (diffract\$ near4 grating))) and dvd\$3 and cd\$3 and (wavelength	USPAT; EPO; JPO;	OR	ON	
			·	IBM_TDB			
300	<b>S57</b>	73	same (diffract\$ near4 grating))) and dvd\$3 and cd\$3 and (wavelength with (two or dual or multi\$3 or plural\$3))) and ((reduc\$ or eliminat\$ or	USPAT; EPO; JPO;	OR	ON	
300				IBM_TDB			
2	558	300		USPAT; EPO; JPO;	OR	ON	
Shift\$3) and (optic\$4 with ((pickup or pick?up) or head)) and (diffract\$				IBM_TDB	:		
Secondary   Seco	559	2	shift\$3)) and (optic\$4 with ((pickup or pick?up) or head)) and (diffract\$	USPAT; EPO; JPO;	OR	ON	
and (spheric\$ with aberrat\$) and jitter    USPAT; EPO; JPO; DERWENT   IBM_TDB   US-P6PUB; USPAT;			*	;  IBM_TDB			
Solid   276	560	47		USPAT; EPO; JPO;	OR	ON	
USPAT:   EPO: JPO:   DERWENT     16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:33   16:				; IBM_TDB			
S62   25   (hayashi.in. and mizuno.in.) and (optic\$4 with ((pickup or pick?up) or head))	561	276	hayashi.in, and mizuno.in,	USPAT; EPO; JPO;	OR	ON	
USPAT;   EPO: JPO;   DERWENT   SEM_TDB   USPAT;   USOCR;   EPO: JPO;   DERWENT   SEM_TDB   USPAT;   USOCR;   EPO: JPO;   DERWENT   SEM_TDB   OR USPAT;   USOCR;   EPO: JPO;   DERWENT   USOCR;				; IBM_TDB			
S63   645   (359/569).CCLS.	562	25	(hayashi.in. and mizuno.in.) and (optic\$4 with ((pickup or pick?up) or head))	USPAT; EPO; JPO;	OR	ON	
USPAT; USOCR; EPO; JPO; DERWENT   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:45   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16:46   16				; IBM_TDB			
S64   873   (359/566).CCLS.   US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; US-PGPUB; OR US-PGPUB; US-PGPUB	563	645	(359/569).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
S65 161 (359/570).CCLS. US-PGPUB; USOCR; EPO; JPO; DERWENT; USOCR; EPO; DERWENT; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO				; IBM_TDB			
S65   161   (359/570).CCLS.	564	873	(359/566).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	l .
S65 161 (359/570).CCLS.  US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; :				;			
IBM_TDB	<b>.</b> 565	161	(359/570). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	•
				IBM_TDB			

					1	
566	280	(359/719).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR .	OFF	2004/06/07 16:46
567	216	(359/721).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/06/07 16:46
			;   IBM_TDB			
568	99	(359/724).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
			IBM_TDB			
569	753	(359/708).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07
			IBM_TDB			
570	48	(369/112.03). <i>CC</i> L5.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR .	OFF	2004/06/07 16:46
			DERWENT :			
			IBM_TDB			
5,71	. 88	(369/112.04). <i>CC</i> L5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
		* 3 * * * * * * * * * * * * * * * * * *	IBM_TDB			
572	102	(369/112.05). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
			: IBM_TDB			
573	21	(369/112.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR ·	OFF	2004/06/07 16:46
		*	DERWENT ;			*
		(2/0/4/07) 27/2	IBM_TDB			*
574	112	(369/112.07). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
			IBM_TDB			

S75	95	(369/112.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/06/07 16:46
			IBM_TDB			
576	11	(369/112.11).CCL5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
		•	; IBM_TDB			
577	211	(369/112.12). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR ·	OFF	2004/06/07 16:46
			; IBM_TDB	•		
578	16	(369/112.13). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/07 16:46
			IBM_TDB			
579	9	("5132843"   "5696750"   "5777803"   "5809000"   "5914822"   "6084710"   "6094308"   "6118594"   "6166854").PN.	USPAT	OR	ON	2004/06/07 16:53
580	2	("6084843"   "6181668").PN.	USPAT	OR	ON	2004/06/07 17:00
581	7	("6115192"   "6313956"   "6363037"   "6366542"   "6411442"   "6512640"   "6614600"   "2003/0103272").PN.	USPAT	OR	ON	2004/06/07 17:47
582	1	("6285646"   "2002/0089764").PN.	USPAT	OR .	ON	2004/06/07 17:48
583	973	(7?? same 6?? same wavelength) and dvd\$3 and cd\$3 and (optic\$4 with ((pickup or pick?up) or head))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/06/07 18:42
			IBW_TDB			
584	52	((7?? same 6?? same wavelength) and dvd\$3 and cd\$3 and (optic\$4 with ((pickup or pick?up) or head))) and (diffract\$ near4 grating) and (phase with (delay or shift\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 18:45
			IBM_TDB			
585		("6043912").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/06/08 09:15
			; IBM_TDB			
586	2	jp-10293937-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/08 09:22
		'	IBM_TDB			
				1		L

587	2	jp-10269610-\$.did.	US-PGPUB;	OR	ON	2004/06/08
			USPAT;	:		09:22
			EPO; JPO;			
			DERWENT			
		• •	::			
			IBM_TDB		1	